



CERTIFIED MATERIAL TEST REPORT

US-ML-CARTERSVILLE
 384 OLD GRASSDALE ROAD NE
 CARTERSVILLE, GA 30121
 USA

CUSTOMER SHIP TO		CUSTOMER BILL TO		GRADE GGMULTI	SHAPE / SIZE Channel / 10 X 15.3#	DOCUMENT ID: 0000559230
SALES ORDER 12246134/000010		CUSTOMER MATERIAL N° 000000002510153020		LENGTH 20'00"	WEIGHT 4,284 LB	HEAT / BATCH 55082725/03
CUSTOMER PURCHASE ORDER NUMBER 4500537267		BILL OF LADING 1323-0000223528		DATE 11/28/2022		
SPECIFICATION / DATE or REVISION ASTM A529-19, A572-21 ASTM A6-17,A36-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13						

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	N (%)	CEqvA6 (%)	Sn (%)
0.11	0.88	0.016	0.031	0.21	0.31	0.12	0.14	0.032	0.001	0.009	0.0101	0.32	0.012

MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS (MPa)	
23.00	8.000	75000	517	53000	365	
24.50	8.000	75500	521	52800	364	


COMMENTS / NOTES

This grade meets the requirements for the following grades:
 ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50
 CSA Grades: 44W; 50W
 AASHTO Grades: M270-36; M270-50
 ASME Grades: SA36

The above figures are certified chemical and physical test records as contained in the permanent records of the company. We certify that these data are correct and in compliance with specified requirements. No weld repair was performed on this material. The material has not been in contact with mercury while in Gerdau possession. For all products other than billets or beam blanks, this material was produced (Electric Arc Furnace, Melted, Continuously Cast, Hot Rolled and, if applicable, Cold-Drawn) in the USA. For billets or beam blanks, this material was produced (Electric Arc Furnace, Melted and Continuously Cast) in the USA. CMTR complies with EN 10204 3.1.


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